

CLAIMS

1. Telecommunications method using at least one first telecommunications device (5) that is adapted for radio communication with a first public network (6) according to a first radiocommunication protocol, method in which the first telecommunications device (5) is made to communicate locally with at least a second telecommunications device (2, 4) that is itself adapted for communicating with a second public network (3), the first and second telecommunications devices thus belonging to a local communication network (1),

characterized in that the first telecommunications device (5) is controlled from the second telecommunications device (2, 4) and an outgoing call of the local communication network (1) is sent either to the first public network (6) by means of the first telecommunications device (5), or to the second public network (3).

2. Method according to claim 1, in which a user is required to choose between the transmission of the outgoing call by the first public network (6) and by the second public network (3).

3. Method according to claim 1, in which an automatic choice is determined between the transmission of the outgoing call by the first public network (6) and by the second public network (3).

4. Method according to claim 3, in which an outgoing call transmission is automatically chosen by the second network (3), except if the communication with the said second network is unavailable.

5. Method according to claim 3 or claim 4, in which a user is required to validate the automatic choice.

6. Method according to any one of the aforementioned claims, in which the local communication network (1) is a local radio network comprising a fixed base (2) linked with the second public network (3) and to at least one local network terminal (4) communicating with the base (2) according to a

second radiocommunication protocol, and the second telecommunications device is either the base (2) or the local network terminal (4).

7. Method according to claim 6, in which the first telecommunications device (5) is made to communicate with the second telecommunications device (4, 2) according to the said second radiocommunication protocol.

8. Method according to any one of the claims 6 and 7, in which the said radiocommunication protocol is chosen from: "BLUETOOTH", "WIFI" and "DECT".

9. Method according to any one of the aforementioned claims, in which the first public network (6) is a cellular radiocommunication network and the second public network (3) is a switched telephone network.

10. Method according to any one of the aforementioned claims, comprising an identification stage during which it is determined whether the first telecommunications device (5) is connected to the second telecommunications device (2, 4), and a routing stage during which, when it has been determined that the first telecommunications device (6) is connected to the second telecommunications device (2, 4), an incoming call is routed to the first telecommunications device (5), when the said incoming call is normally intended to be routed to the local switched network (1) by the second public network (3) and when the said local communication network is unavailable to receive this incoming call (3).

11. Method according to any one of the aforementioned claims, comprising an identification stage during which it is determined whether the first telecommunications device (5) is connected to the second telecommunications device (2, 4), and a routing stage during which, when it has been determined that the first telecommunications device (5) is connected to the second telecommunications device (2, 4), an incoming call normally intended to set up a link with the first telecommunications device (5), is routed to the local communication network (1) by means of the second public network (3).

12. Method according to any one of the aforementioned claims, in which at least the first telecommunications device (5) comprises a telephone phonebook, and this telephone phonebook is made accessible by means of the second telecommunications device (2, 4).

5 13. Telecommunications system comprising at least the first and second telecommunications devices (5, 2; 5, 4), the first telecommunications device (5) being adapted for radio communication with a first public network (6) according to a first radiocommunication protocol, and the first
10 telecommunications device (5) being adapted to communicate at least with the second telecommunications device (2, 4) which is itself adapted to communicate with a second public network (3), the first and second telecommunications devices thus belonging to a local communication network (1),

characterized in that the second telecommunications device (2, 4) is adapted to
15 control the first telecommunications device (5) and to send an outgoing call of the local communication network (1) either to the first public network (6) by means of the first telecommunications device (5), or to the second public network (3).

14. Telecommunications system according to claim 13, in which the
20 second telecommunications device (2, 4) is adapted so that a user is required to choose between the transmission of an outgoing call by the first public network (6) and the second public network (3).

15. Telecommunications system according to claim 13, in which the
25 second telecommunications device (2, 4) is adapted to make an automatic choice between the transmission of the outgoing call by the first public network (6) and the second public network (3).

16. Telecommunications system according to claim 15, in which the
30 second telecommunications device (2, 4) is adapted to make an automatic choice about the transmission of the outgoing call by the second network (3), except if the communication with the said second network is unavailable.

13

17. Telecommunications system according to claim 15 or claim 16, in which the second telecommunications device (2, 4) is adapted to require the user to validate the automatic choice.

5 18. Telecommunications system according to any one of claims 13 to 17, in which the local communication network (1) is a local radio network comprising a fixed base (2) linked with the second public network (3) and at least one local network terminal (4) communicating with the base (2) according to a second radiocommunication protocol, and the second telecommunications device is either the base or the local network terminal.

10 19. Telecommunications system according to claim 18, in which the first telecommunications device (5) is adapted to communicate with the second telecommunications device (2, 4) according to the said second radiocommunication protocol.

15 20. Telecommunications system according to claim 18 or claim 19, in which the said radiocommunication protocol is chosen from: "BLUETOOTH", "WIFI" and "DECT"

21. Telecommunications system according to any one of claims 13 to 20, in which the first public network (6) is a cellular radiocommunication network and the second public network (3) is a switched telephone network

20